



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:
Spalding, W. A.

Serial No.: 09/809,529

Filed: March 15, 2001

For: Demulsifier for Aqueous
Completion Fluids

§
§
§
§
§
§
§
§
§
§

Group Art Unit: 1712

Examiner: Metzmaier, D.S.

Atty. Docket: 194-26331-US

#12/c
5/24/03
1C

RECEIVED
MAY 14 2003
TC 1100 MAIL ROOM

SUBMISSION WITH RCE

Assistant Commissioner for Patents
Washington, D.C. 20231
Box Response

This paper is filed in response to the office action mailed January 16, 2003.

AMENDMENTS

In the Claims:

Please cancel claims 1-3, 9, 11-13, 15, 16, 18-76, and 82-143 and add the following new claims:

144. (New) A demulsifier composition to prevent or resolve downhole emulsions in aqueous solutions, said demulsifier composition comprising:

a demulsifying amount of a demulsifier selected from the group consisting of

oxyalkylated alkyl phenol resins, oxyalkylated amines, glycol resin esters, bisphenol glycol ethers, bisphenol glycol esters, salts of alkylaryl sulfonic acid, dicarbamates, oxyalkylated polyols reacted with compounds selected from the group consisting of diepoxides and polycarboxylic acids, unreacted oxyalkylated polyols, and unreacted oxyalkylated phenolic resins effective to perform a

C'